

Tasman Gold NL

Hole ID: RDP41 North: _____ Ten ID: _____ RL: _____ Geologist: SR
 Date: _____ East: _____ Project: _____ Dip: -60 Code Type: _____
 Orientation: _____ Survey Method: _____ Prospect: Falchian Azimuth: 40 mag Total Depth: _____

Graphic Log	Depth	Colour	Weathering	Regolith	Regolith Variant	Lithology	Lithology Variant	Granulite	Hardness	Deformation	Sequence	Comments
	41.52	42.52	gg	FR	-	SSD	md	fg	H6	-	1	fg muddy sand.
	41.52	42.48	gg	FR		SSD	md	vf	H6	-	2	vf chertic sand.
	42.48	42.7	gg	FR		SSD	md	mg	H6	-	3	qt within recrystallized muddy calcareous matrix
	42.7	42.87	gg	FR		SIS	md			S2	4	Bedded, 3mm thick, lenses of qt within fg sand. Cl foliation developed - local strain
	42.87	43.41	gg	FR		SSD	md	mg	H6	-	5	muddy mg sand
	43.41	43.5	gg	FR		SST	lm	st	H6	-	6	siltstone, wk lm
	43.5	43.6	gg	FR		SSD	md	mg	H6		7	mg muddy sandstone.
	43.6	43.7	gg	FR		SSD	md lm	vf	H6		8	vf laminated sand
	43.7	43.9	gg	FR		SSD	md	mg	H6		9	mg qt sandstone - muddy
	43.9	44.1	gg	FR		SSD	md gt	fg-mg	H6		10	mg sand fining fg (YUH)
	44.1	44.21	gg	FR		SSD	md	fg	H6		11	fg sand.
	44.21	44.45	gg	FR		SSD	md	mg	H6		12	mg sand
	44.45	44.6	gg	FR		SIS	md	mg-st	H6		13	mg sandy bed, silty lenses.
	44.6	45.2	gg	FR		SSD	md	mg	H6		14	mg qt sandstone and matrix black cloudy/translucent qt vein
	45.2	45.5	wi	FR		VNG	qt		H6		-	Bi/cl vesicles on up/lower margin
	45.5	45.88	gg	FR		SSD	md	mg	H6		15	mg sandstone
	45.88	46.1	gg	FR		SSD	md gt	vf-fg	H6		16	vf fg sandstone YUH
	46.1	46.43	gg	FR		SSD	md	mg-fg	H6		16	mg-fg sandstone YUH
	46.43	46.65	gg	FR		SSD	md	mg-fg	H6		17	mg-fg sand YUH
	46.65	46.7	gg	FR		SST	lm	st	H6		18	fine laminated silt
	46.7	48.01	gg	FR		SSD	md	mg	H6		19	muddy mg quartz sandstone
	48.01	48.04	gg	FR		SST		st	H6		20	3cm siltstone
	48.04	49.18	gg	FR		SSD	md	mg	H6		21	mg muddy sand
	49.18	50.19	gg	FR		SIS		mg-st	H6		22	mg sand with 1cm silty interbeds. clean - cloudy gray qt vein. yg (calcite) stain.
	50.19	50.51	wi	FR		VNG			H6		-	
	50.51	50.93	gg	FR		SSD	md	mg	H6		23	mg muddy qt sand
	50.93	51.22	gg	FR		SSD	md gt	vf-mg	H6		24	vf mg muddy sand YUH
	51.22	52.38	gg	FR		SSD	md gt	fg-mg	H6		25	fg-mg gradational sand YUH
	52.38	53.25	gg	FR		SIS	md	st-mg	H6		26	sandy unit with thin 0.5 cm siltstone lenses
	53.25	53.8	gg	FR		SSD	md	mg	H6		27	mg muddy sandstone
	53.8	53.9	gg	FR		SSD	md	vf	H6		28	vf muddy sandstone
	53.9	54.4	gg	FR		SSD	md	fg-mg	H6		28	fg-mg sand YUH
	54.4	54.58	gg	FR		SSD	md	mg	H6	S2	29	int. muddy sand Sheared. Ductile close-similitude
	54.58	54.85	gg	FR		SSD	md	mg	H6		29	mg muddy sand
	54.85	55.2	gg	FR		SSD	md gt	vf-fg	H6		30	vf sand -> fg sand
	55.2	57	gg	FR		SSD	md	mg	H6		30	mg muddy sandstone
	57	57.25	gg	FR		SIS	md	st-mg	H6		31	mg sandstone with thin bedded silty lenses.
	57.25	57.29	gg	FR		SSD	md	mg	H6	S2	32	weak sheared muddy sand
	57.29	57.32	gg	FR		VNG	qt cl		H6		-	gray - cloudy crystalline qt-cl vein
	57.32	58.1	gg	FR		SIS	md	st-eg	H6	S3	33	silicified, intensely veined (qt-strengtheners) sheared mg-fg sand and silt
	58.1	58.78				XLC						lost core
	58.78	59.35	gg	FR		SSD		gg	H6	S3	34	sheared, silty, mg. sandstone
	59.35	59.9				XLC						lost core

Comments:



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Graphic Log	From	To	Colour	Weathering	Regolith	Regolith Variant	Lithology	Lithology Variant	Grain Size	Hardness	Deformation	Sequence	Comments
1	59.9	60.3	lgg	FR			SSD		cg	H6	S2	34	silicified cg sandstone
2	60.3	60.63	r				XLC						lost core
3	60.63	61.6	lgg	FR			SSD/PHV bx	mg	H7	S3	35		silica flooded mg sandstone
4	61.6	62.3	lgg	FR			SSD PHV si	mg	H7	S2	35		siliceous mg sandstone
5	62.3	62.95	lgg	FR			VNO qt		H7	S2			meandering cloudy/translucent qt veins. Wallrock inclusions
6	62.95	63.05	lgg	FR			SST cl bx	st	H5	S3	36		siltstone breccia. chlorite infill
7	63.05	63.14	wi	FR			VEN qt obcl		H5	S1			late? qt-cb veins (laminated)
8													qt margins, sparry open space filling cb eddies
9	63.14	63.4	lgg	FR			SST bx cb	st	H5	S3	36		Hydrothermal breccia. siltstone within cb-cl infill.
10	63.4	63.55	wi	FR			VNO qt po		H6	S1			cloudy/translucent qt-po veins. Po as late v-cutting veins. local yg sericite alteration.
11	63.55	63.65	Yg	FR			SST bx cl qt	st	H5	S3	36		qt-cl-siltstone hydrothermal breccia. sericite alteration?
12	63.65	63.72	cm	FR			VNO qt as		H6	S2			cloudy/translucent qt. as vein. As blebs related to v-cut veins.
13	63.72	63.99	dgr	FR			SST cl	st	H5	S3	37		ductile deformed chloritic siltstone
14	63.99	64.25	dgr	FR			SSD uf qt	vfmg	H6		37		mg-vf sandstone YUH.
15	64.25	64.4	gy	FR			SST	st	H6		38		siltstone
16	64.4	64.95	gg	FR			SSD uf qt	vfmg	H6		38		mg-vf sand YUH
17	64.95	65	gg	FR			SSD mn	fy	H6		39		massive fy sand.
18	65	66.3	gg	FR			SSD uf qt	vf	H6		40		vf sand YUH
19	66.3	66.55	gg	FR			SSD uf qt	fy	H6		40		fy sand YUH
20	66.55	67.35	gg	FR			SSD uf qt	mg	H6		40		mg sand YUH
21	67.35	67.55	gg	FR			SSD uf qt	vf	H6		41		vf sand
22	67.55	68.2	gg	FR			SSD uf qt	fy	H6		41		fy sand
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Comments:

Number of samples taken for petrophysics / petrology

